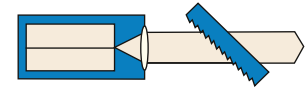


Micron Laser: S1-0785-100



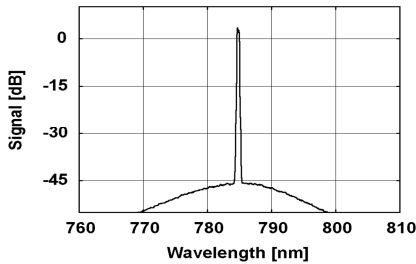
The S1-0780-100 is a tunable external cavity diode laser. It is designed for applications which require high output power as well as narrow linewidth like optical cooling and trapping, Bose-Einstein condensation or Raman spectroscopy.

Product Data:



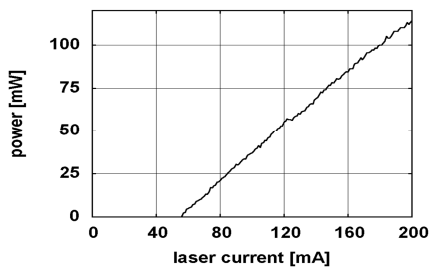
Miniaturized Size

External Caivity Diode Laser
Peltier Cooler & Thermistor
Sealed Package



Pre-set wavelength

Wavelength: 784.8nm
SMSR: > 45dB



PI Curve

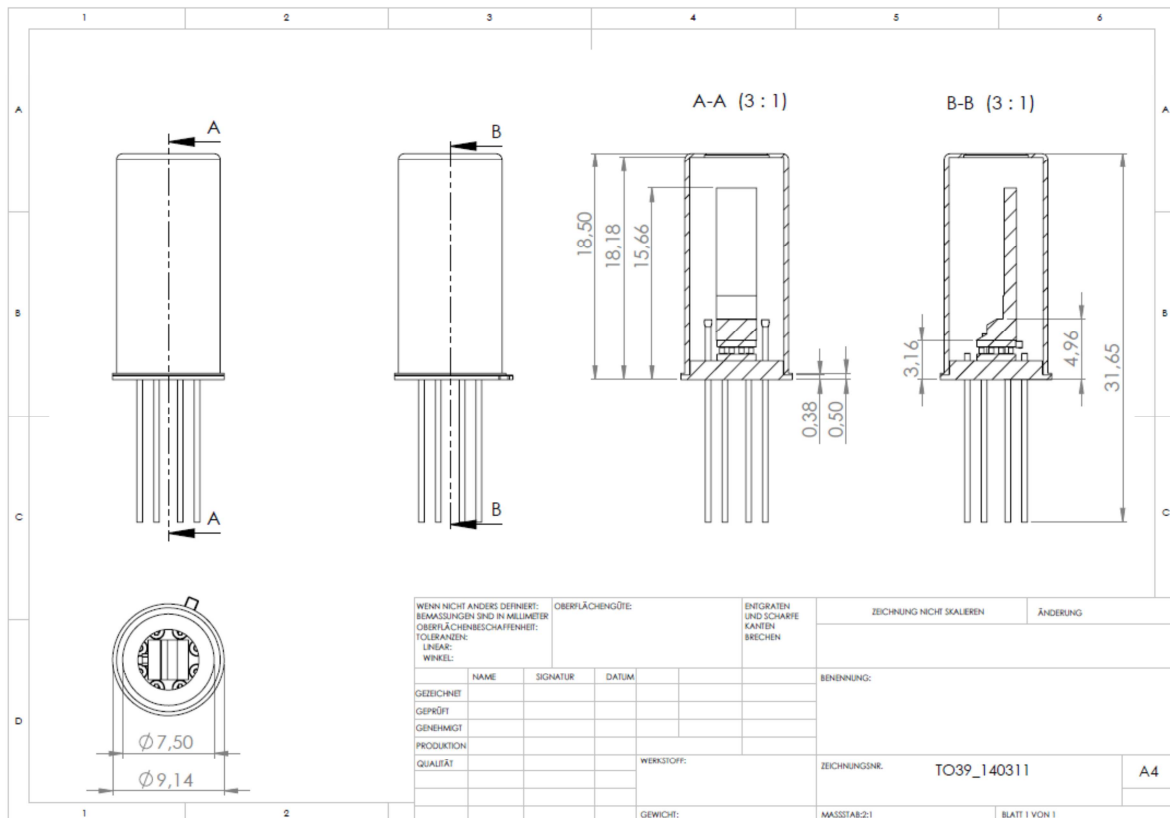
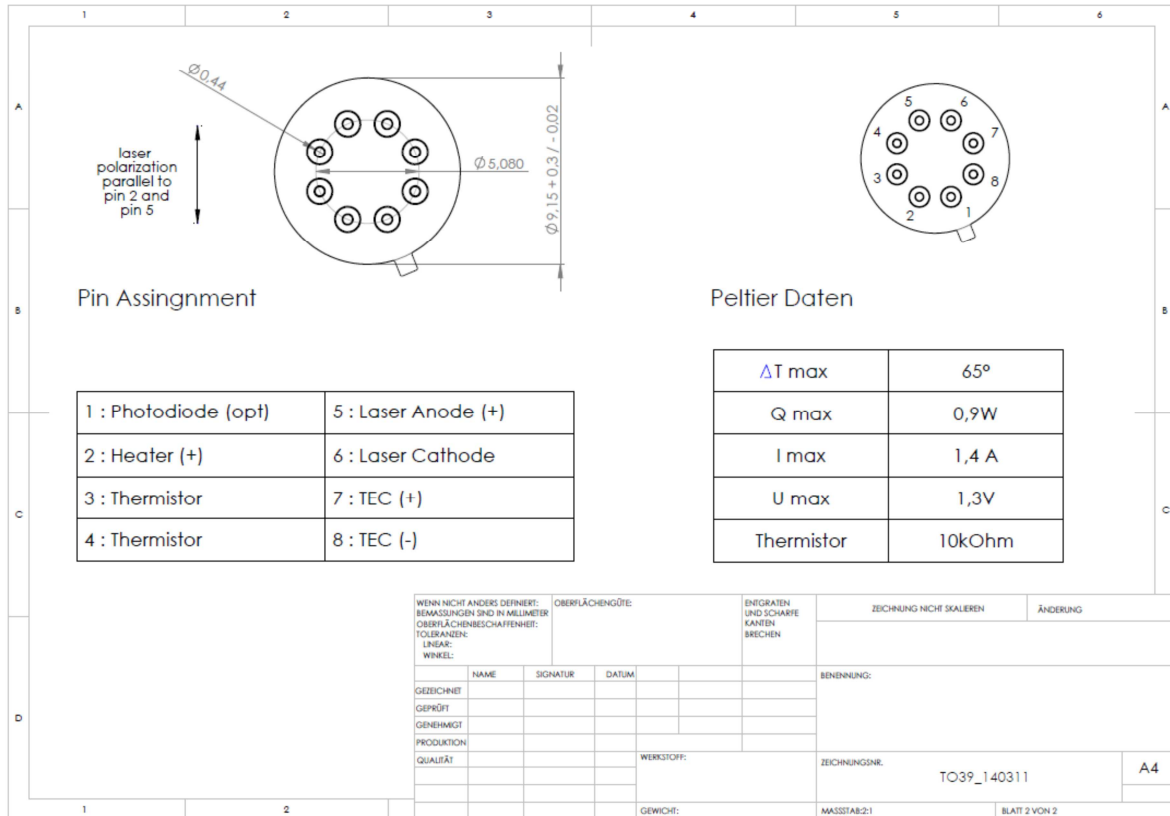
Power: > 100mW
Linewidth: < 100kHz

Specifications:	output power	> 200mW
beam profile	round, typ. ratio: 1:1.2	
mode profile (M ²)	< 1.1	
beam divergence	< 2mrad	
polarization	linearly, > 1:20	
linewidth (1ms)	< 100kHz	
side mode suppression	> 40dB	
mode-hop free fine tuning	> 6GHz	
coarse tuning	> 0.2nm	
thermal stability	< 100MHz / °C	
mechanic resonances	none (no moving parts)	

Document: <http://docs.sacher-laser.com/mc0785100.pdf>
Note: Specification are subject to change without further notice



Dimensions:



Document: <http://docs.sacher-laser.com/mc0785100.pdf>
 Note: Specification are subject to change without further notice

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